

PRIOR ART FIG. 1

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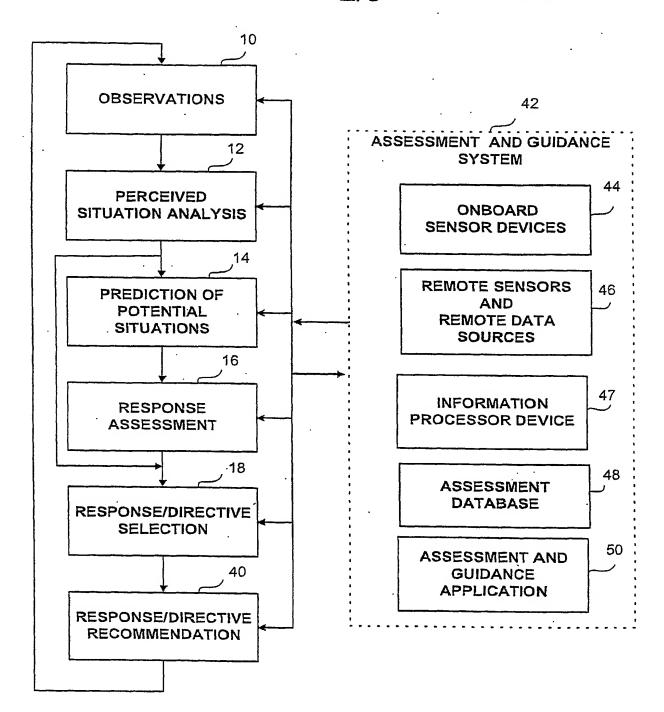


FIG. 2

MANUAL INPUT

DEVICE

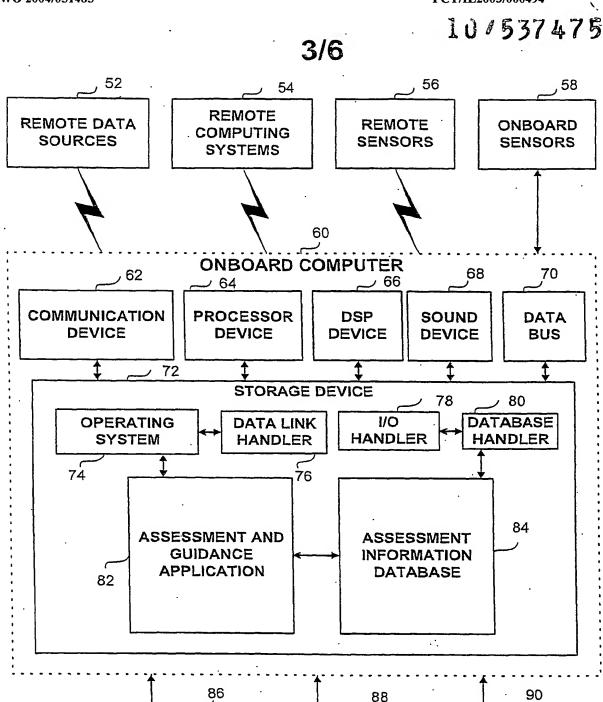


FIG. 3

**AUDIO OUTPUT** 

DEVICE

VISUAL DISPLAY

**DEVICE** 

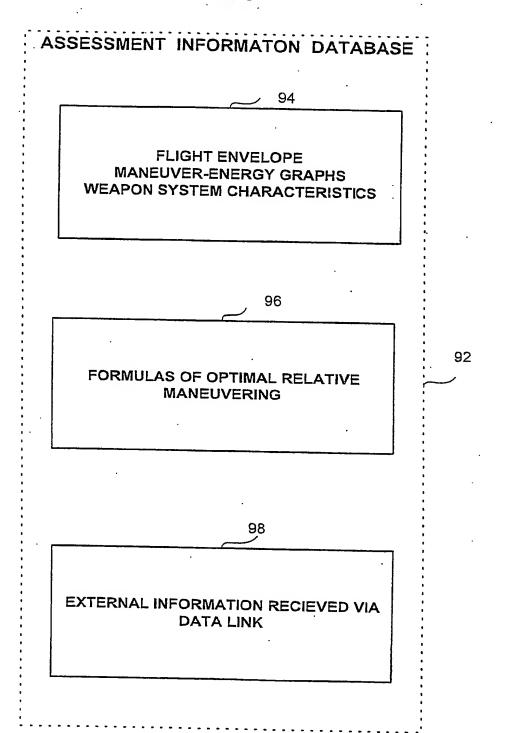


FIG. 4

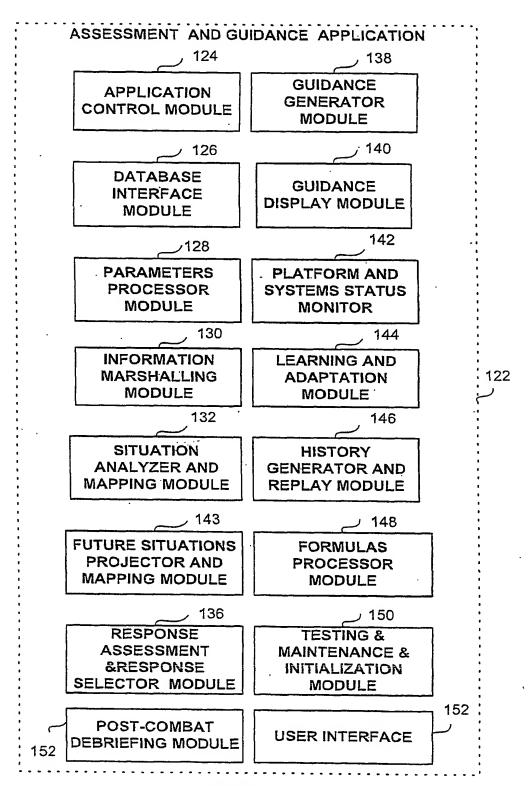


FIG. 5

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OBTAIN ENERGY AND GEOMETRY FORMULAS, HOST AND ADVERSARY PLATFORM &WEAPON SYSTEMS CHARACTRERISTICS, MISSION, SYSTEM & COMBAT PARAMETERS

OBTAIN SENSOR DATA

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ANALYZE CURRENT SITUATION IN COMBAT SPACE

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PROJECT A SET OF POTENTIAL COMBAT SITUATIONS BASED ON CURRENT SITUATION

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DETERMINE NEXT OPTIMAL MANEUVER BASED ON PROJECTED COMBAT SITUATION

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GENERATE SET OF FLIGHT COMMANDS BASED ON THE NEXT OPTIMAL MANEUVER

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TRANSFORM FLIGHT COMMANDS INTO GUIDANCE INDICATORS
OBTAIN GENERAL DIRECTIVE IN ACCORDANCE TO THE COMBAT
SITUATION

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DISPLAY GUIDANCE INDICATORS OR GENERAL DIRECTIVES TO THE OPERATING CREW

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UPDATE
COMBAT AND SYSTEM HISTORY

FIG. 6